

National Training Workshop on Local Urban Air Toxics Assessment and Reduction Strategies

Tuesday, November 13 - Thursday, November 15, 2001

**Unless otherwise indicated all panels and breakout sessions will take place at COBO
Exhibition & Conference Center, One Washington Boulevard, Detroit, MI 48226**

(across the street from the Pontchartrain Hotel in downtown Detroit)

OPENING

Tuesday, 11/13/01

8:00 to 8:30 am Registration

8:30 to 8:50 am Welcome and Agenda Review

Sara Lile City of Detroit, Department of Environmental Affairs, Director
Susan Wyatt USEPA Office of Air Quality Planning and Standards (OAQPS)

8:50 to 10:30 am Leadership Panel on Air Toxics in Urban/Local Areas

Panel:	<i>Dave Guinnup</i>	USEPA (OAQPS)
	<i>Paul Koval</i>	Ohio Environmental Protection Agency
	<i>Peggy Shepard</i>	West Harlem Environmental Action (WE ACT)
	<i>Mark Johnson</i>	Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta

Purpose: Speakers will provide a range of realistic perspectives on the current situation in air toxics, upcoming issues, and priorities. The panel will comment on what they see as helpful to communities in developing effective assessment and reduction strategies.

Panel members will also answer questions and discuss participant expectations for the workshop.

10:30 to 10:45 am Break

SESSION 1: DETROIT AND CAPACITY BUILDING

This session of the workshop will focus on two areas: 1) the Detroit Asthma Research and Intervention Project, and; 2) building the capacity of communities and institutions to understand and address local air toxics concerns. Discussions and presentations of the work in Detroit will help to illustrate what's involved in building capacity.

10:45 - 2:15 pm Special Session: Community Action Against Asthma, Detroit, Michigan

Session Leads: Edith Parker and Wilma Brakefield-Caldwell, Community Action Against Asthma

This special workshop section will provide a chance to meet with the organizers of the innovative Detroit Asthma Research and Intervention Project. Site visits, presentations on the history and results of the Detroit project, and an opportunity to hear from project participants and leaders are scheduled. Transportation and a working lunch will be included. The session will provide the opportunity to learn about and discuss the asthma research and intervention project and the experiences of the Detroit project in building the capacity of their community and institutions to address air quality issues.

2:15 - 2:45 pm Break (return to COBO Hall conference center)

2:45 - 3:45 pm Panel Discussion: Building Community and Institutional Capacity to Address Air Toxics Issues at the Local Level

Panel Leads:	<i>Hank Topper</i> <i>John Steward</i>	USEPA Office of Pollution Prevention and Toxics ATSDR
Panel:	<i>Glen Goldstein</i> <i>Annette Liebe</i> <i>Swati Prakash</i> <i>Arnita Gadson</i>	Clean Air Communities Oregon Department of Environmental Quality West Harlem Environmental Action (WE ACT) West Jefferson County Community Taskforce, Louisville, Kentucky; and the Environmental Justice Coordinator for the Kentucky Pollution Prevention Center at the University of Louisville

Improving the capacity of our communities and institutions to understand and address local air quality issues will be critical to improving air quality. To kick off this session on building capacity, five speakers will discuss their experiences with building the capacity of their communities and institutions.

3:45 - 4:00 pm Break

4:00 - 5:00 pm Facilitated Small Group Discussions: Building Community and Institutional Capacity to Address Air Toxics Issues at the Local Level

Workshop participants will break into small discussion groups to comment on the previous panel presentations and share experiences in capacity-building. The discussions will identify best practices, lessons learned, and common needs in both community and institutional capacity building. Discussions will be summarized for all workshop participants.

Wednesday, 11/14/01

SESSION 2: UNDERSTANDING LOCAL AIR TOXICS

This session will summarize current efforts to learn more about the toxics in local air and will discuss available tools and methods.

8:30 to 8:35 am Introductory Presentation To Provide Context and Agenda

Peter Murchie USEPA (OAQPS)

This presentation will give an overview of the agenda and provide a perspective on the various tools, information and skills available to increase our understanding of air toxics on a local level.

8:35 to 9:30 am **Panel Discussion: Identifying And Getting Information On The Sources Of Emissions**

Panel Lead: *Laurel Driver* USEPA (OAQPS)

Panel:	<i>Dale Shimp</i>	California Air Resources Board (CARB)
	<i>David Lynch</i>	USEPA Office of Pollution Prevention and Toxics
	<i>Gary Fischman</i>	Allegheny County Health Department

To analyze, and to make conclusions about, air toxics in a local area, it is important to obtain accurate information on air toxics emissions. This panel will bring together speakers with experience in identifying, developing and using emissions inventories. The speakers will cover the different sources of information: i.e., national databases (National Toxics Inventory and the Toxics Release Inventory); state information and databases (permits and reported data) and community level inventory development (neighborhood surveys, etc.).

9:30 to 9:45 am Break

9:45 to 10:45 am Panel Discussion: Measuring and Estimating What's In The Air

Panel Lead: *Gregg Thomas* Denver Department of Public Health and Environment, Denver, CO

Panel:	<i>Jawad S. Touma</i>	Atmospheric Sciences Modeling Division, Air Resources Laboratory, National Oceanic and Atmospheric Administration, RTP, NC (On Assignment to USEPA/OAQPS)
	<i>Diane McClure</i>	Ohio Environmental Protection Agency

The two primary ways of understanding air toxics levels in a local area are by either measuring levels of toxics through monitoring or estimating levels through modeling. This panel will present some of the different monitoring and modeling tools and their limitations and resource requirements. A case study will demonstrate how to use modeling and monitoring in real world situations.

10:45 -11:00 Break

11:00 to 12:00 pm Facilitated Small Group Discussions: Identifying Sources and Measuring/Estimating Levels

Small groups will discuss follow-up questions from the two previous panels and will share information on identifying sources and measuring or estimating levels of toxics in local air. Breakout summaries will be prepared for sharing with other workshop participants.

12:00 to 1:00 pm Lunch

1:00 to 2:00 pm Panel Discussion: Interpreting and Understanding Measured And Modeled Data

Panel Lead:	<i>Jeff Yurk</i>	Multimedia Planning and Permitting Division, EPA Region 6
Panel:	<i>David Brymer</i>	Texas Natural Resource Conservation Commission
	<i>Laurel Carlisle</i>	Texas Natural Resource Conservation Commission
	<i>Dr. Ken Mitchell</i>	USEPA Region 4
	<i>Robert Duff</i>	State of Washington Department of Health
	<i>Mark Johnson</i>	ATSDR

Measuring toxics levels in the air is not enough to identify hazards, to characterize the public health threats, and to develop strategies for risk reduction. Likewise, use of modeled data to characterize the public health threats also has its deficiencies. This panel will feature two speakers who will lay out considerations in interpreting measured and modeled data. Additional panel members with experience in interpreting both measured and estimated levels of toxics will raise issues faced by various stakeholder groups and will lead discussions in a later session on how measured data and modeled data might be used together to reduce uncertainties and provide information to support risk management opportunities. Presentation topics will include an introduction to the benefits and challenges in utilizing measured and modeled data to achieve accurate air toxics assessments.

2:00 to 2:15 pm Break

2:15 to 3:30 pm Panel Discussion: Understanding Mobile Source Contributions to Ambient Hot Spots

Panel Lead:	<i>Richard Baldauf</i>	USEPA Office of Transportation and Air Quality
Panel:	<i>Dr. Melinda Treadwell</i>	NESCAUM/Keene State College
	<i>Dr. Tim Buckley</i>	Johns Hopkins University
	<i>Dr. Helene Margolis</i>	California Air Resource Board

Mobile source emissions are an important contributor to air toxics levels. This panel will discuss the different tools used in understanding air toxics from mobile sources (inventory development, monitoring and modeling) and their uses and limitations.

3:30 to 3:45 pm Break

3:45 to 4:45 pm Facilitated Small Group Discussions: Interpreting and Understanding Measured and Modeled Data and Understanding Mobile Source Contributions

Small groups will discuss follow-up questions to the two afternoon panels and will share experiences in interpreting data and understanding mobile source contributions. Breakout summaries will be prepared for workshop participants.

4:45 to 5:00 pm Break

**5:00 to 6:30 pm Information Exchange/Poster Session
(This will take place at the Pontchartrain Hotel)**

Since the success of the workshop depends on sharing experiences, we arranged for the Wednesday evening Information Exchange/Poster Session to provide an organized way for all workshop participants to share their experiences and to learn about the experiences of other participants.

We are looking forward to this opportunity to exchange information and we expect that it may be one of the most useful parts of the workshop.

Thursday, 11/15/01

SESSION THREE: IMPROVING AIR QUALITY, REDUCING AIR TOXICS

8:30 to 8:45 am Presentation on Cleveland Project

Presenter: *Steve Fruh* USEPA (OAQPS)

8:45 to 9:45 am **Panel Discussion: Understanding and Improving Indoor Air**

Panel Lead: *Jack Barnette* USEPA Region 5

Panel : *Nelson Haynes* Oakland County Division of Health
 Hollie Dellisanti Cleveland Municipal School District
 Amanda Burkette Ohio Indoor Air Program

Understanding both indoor emissions and exposures to toxics is important in improving indoor air quality. This panel will include a case study illustrating how indoor air issues are being understood and addressed.

9:45 to 10:00 am Break

10:00 to 11:00 am Panel Discussion: Reducing Mobile Exposures and Emissions

Panel Lead: *Coralie Cooper* NESCAUM

Panel: *Carl Scarbro* USEPA Office of Transportation and Air Quality
TBD

Speakers from different aspects of a mobile source toxic improvement effort will provide their perspective on the uses and limitations of the tools available.

11:00 to 11:15 am Break

11:15 to 12:15 Panel Discussion: Reducing Exposures and Emissions from Stationary Sources

Panel Lead: *Peter Murchie* USEPA (OAQPS)

Panel:	<i>Yvonne Johnson</i>	USEPA (OAQPS)
	<i>Mary Cushmac</i>	USEPA Design for Environment
	<i>Jack Tracy</i>	Boston Public Health Commission (tentative)
	<i>Alice Fredlund</i>	Louisiana Department of Environmental Quality (tentative)

A panel of speakers will discuss the tools available to reduce emissions and exposures from stationary sources. The panel will include the perspectives of Federal, state and local governments.

12:15 to 1:15 pm Lunch

1:15 to 2:15 pm Facilitated Small Group Discussions: Improving Indoor Air and Reducing Toxics from Stationary and Mobile Sources

Follow-up questions from previous panels and sharing of experiences in efforts to reduce toxics in indoor and outdoor air. Breakout discussions will be summarized for workshop participants.

2:15 to 2:30 pm Break

CLOSING

2:30 to 4:00 pm Leadership Panel Summarizes the Workshop and Discusses Next Steps

Panel:	<i>Dave Guinnup</i>	USEPA (OAQPS)
	<i>Paul Koval</i>	Ohio Environmental Protection Agency
	<i>Peggy Shepard</i>	West Harlem Environmental Action (WE ACT)
	<i>Mark Johnson</i>	ATSDR

Purpose: Panel members from the opening session will summarize the workshop and offer views on capacity building and the future of addressing air toxics at the local level. Following panel presentations, all participants will be invited to help summarize the workshop and identify next steps.

4:00 pm Adjourn